1-1909

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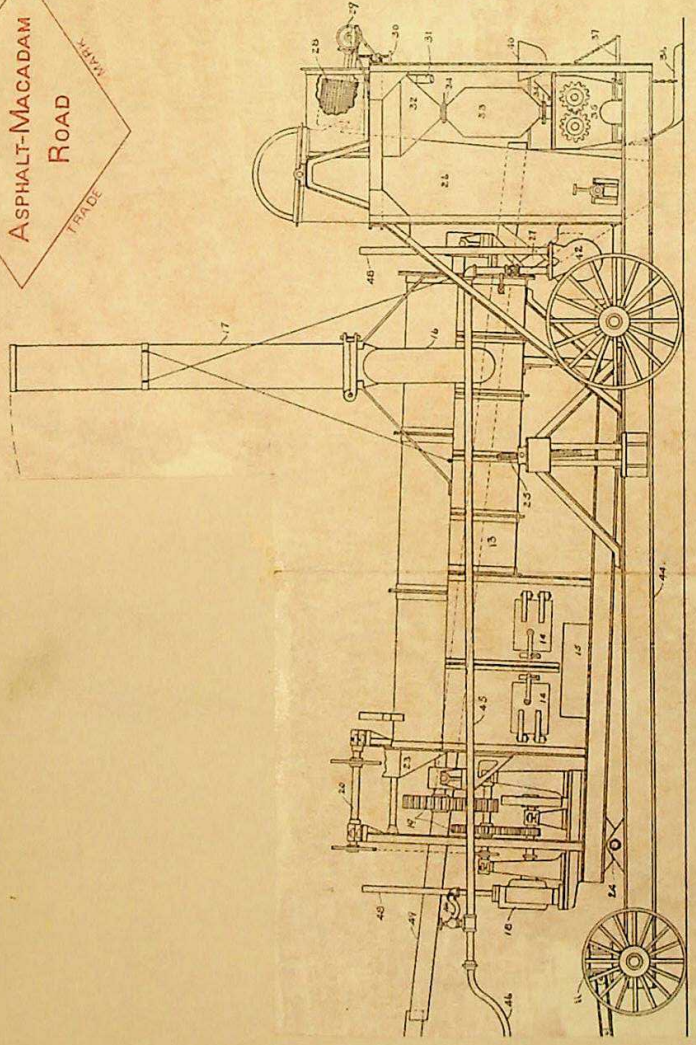
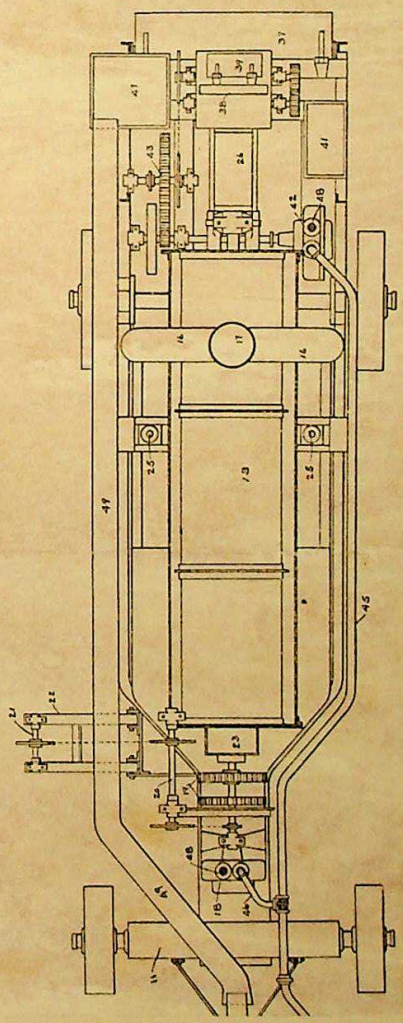
A.L. BARBER'S
ASPHALT-MACADAM
ROAD
TRADE
MARK





street, New York.

94—40

1909

TWO TRUCK PLANT.

1. Car with locomotive power.
2. Mixer car.
3. Sand dryer.
4. Cold sand elevator.
5. Main shaft.
6. Main engine.
7. Boiler.
8. Wheels.
9. Roller wheel.
10. Hot sand elevator.
11. Coupling.
12. Draw bars.
13. Steam hose.
14. Water to pump.
15. Water tank.
16. Asphalt melting tank.
17. Mixer engine.
18. Mixer.
19. Sand box.
20. Hot sand bin.
21. Hot sand screen and housing.
22. Hand brake.
23. Steam brake.
24. Steering engine.
25. Steering rope.
26. Cold sand platform.
27. Steel deck.
28. Elevator supports.
29. Screen engine.

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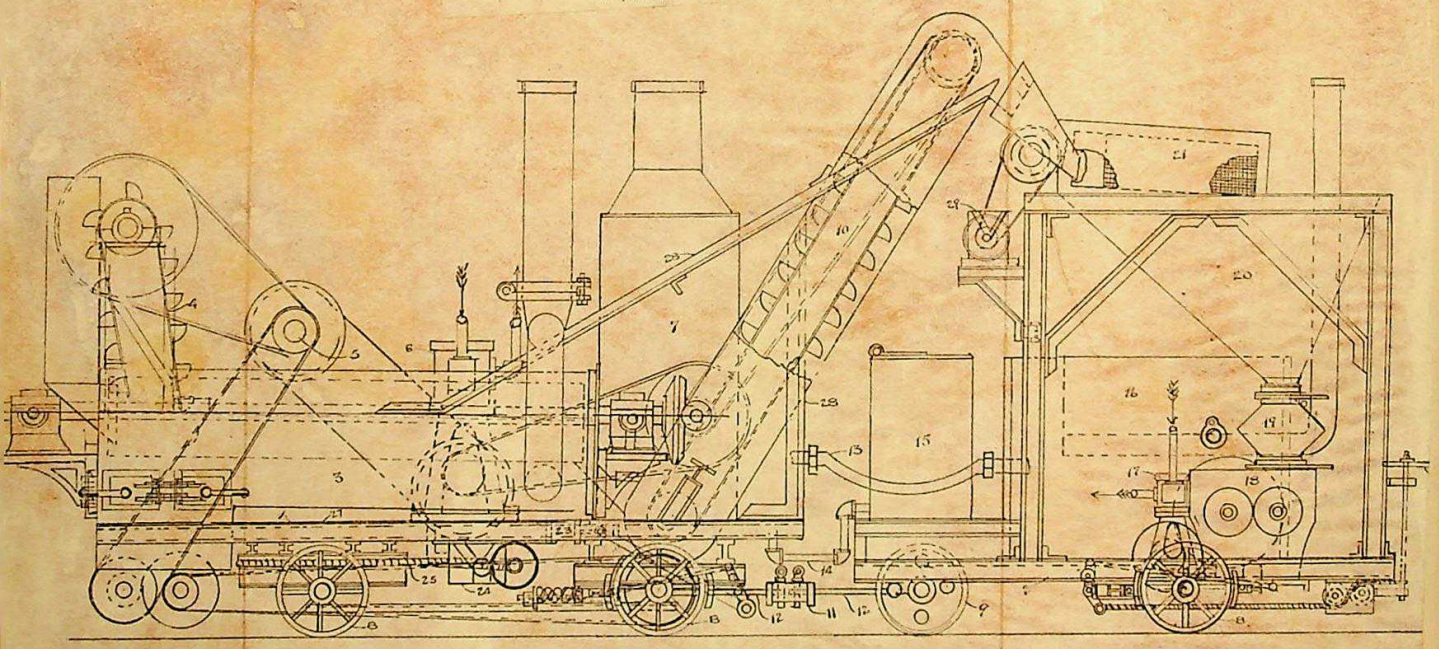
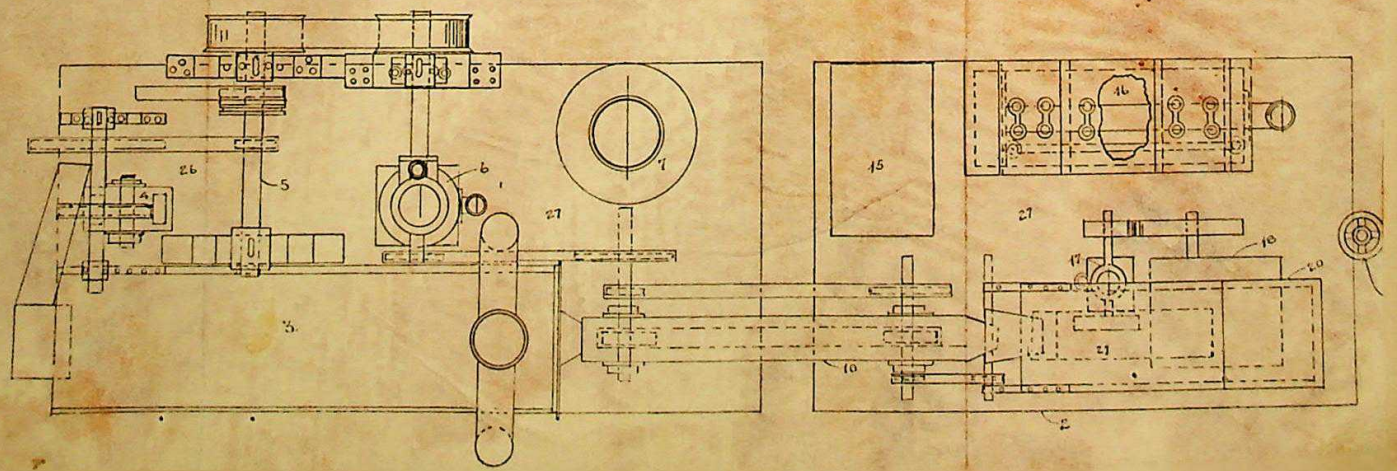


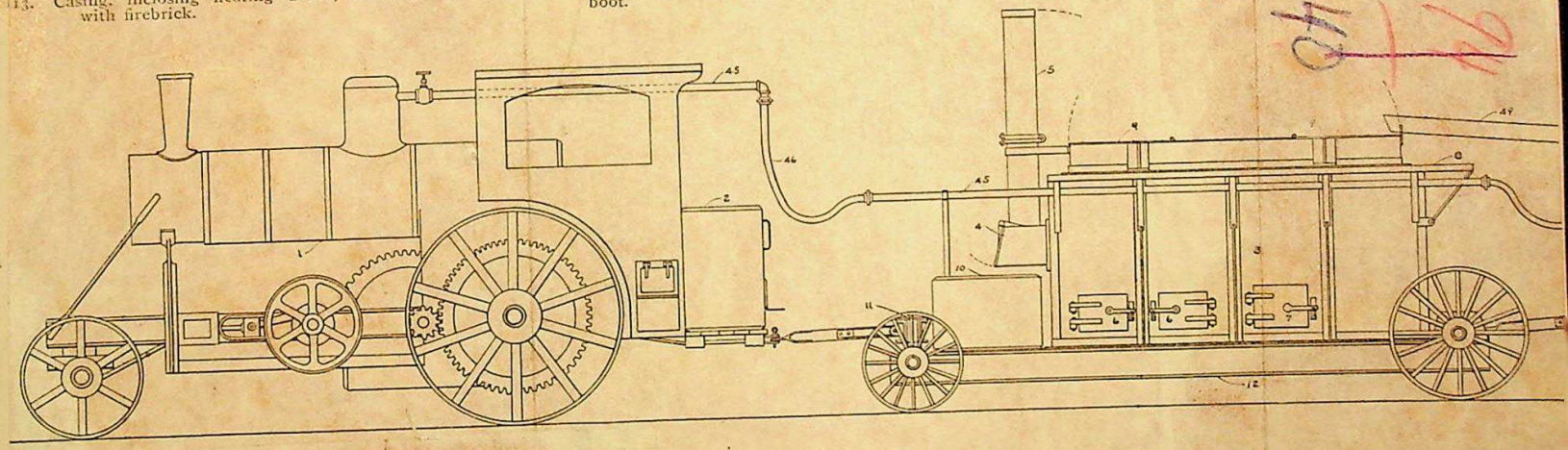
Two truck portable self propelling asphalt paving plant.

Designed by P. C. Brennan.



18. Opening in top of mixer connecting with measuring box No. 33.
19. Hinged door in top of mixer.
20. Asphalt cement measuring bucket.
21. Dust bin.
22. Engine, driving mixer No. 35, hot sand elevator No. 26 and revolving screen No. 28.
23. Train of gears, conveying power to mixer No. 35, hot sand elevator No. 26, and revolving screen No. 28; gears enclosed in sheet steel casing.
24. Frame of truck.
25. Steam pipe from traction engine boiler to engines No. 18 and No. 42.
26. Flexible copper pipe connection.
27. Dipping tank for asphalt cement.
28. Exhaust pipe from engine.
29. Trough, conveying asphalt cement from melting to dipping tank.

1. Traction engine, furnishing motive power; also steam to engines No. 18 and No. 42 when plant is stationary.
2. Water tank.
3. Melting tank; having central flue, furnace under, and casing with fire brick lining; also ash-pan, removable when plant is traveling.
4. Uptake and flue-cleaning door.
5. Hinged smokestack.
6. Fire doors.
7. Door to combustion chamber for cleaning purposes.
8. Platform for melting tank operator.
9. Doors in melting tank cover.
10. Residuum tank, equipped with steam heating coil.
11. Front axle of truck,—has universal connection with frame of truck, and is free to swing vertically or horizontally.
12. Frame of truck.
13. Casing, inclosing heating drum; furnace lined with firebrick.
14. Fire doors.
15. Ash pit.
16. Smoke connections.
17. Hinged stack.
18. Engine, driving heating drum and cold sand elevator.
19. Train of gears conveying power from engine No. 18 to heating drum.
20. Head shaft, cold sand elevator.
21. Foot shaft, cold sand elevator.
22. Frame, cold sand elevator; can be swung up when plant is traveling.
23. Cold sand hopper.
24. Pin, pivoting platform carrying heating drum, cold sand elevator and engine No. 18.
25. Regulating screws, supporting rear end of heating drum platform,—for keeping drum at the proper pitch or angle regardless of change in grade of road.
26. Hot sand elevator.
27. Chute from heating drum to hot sand elevator boot.
28. Revolving screen, driven from and pivoted on shaft No. 29.
29. Shaft, driving and supporting revolving screen No. 28.
30. Regulating screw for keeping revolving screen at the proper pitch or angle regardless of change in grade of road.
31. Pipe for delivering tailings from revolving screen No. 28 to either side of the road as desired.
32. Hot sand hopper or bin.
33. Hot sand measuring box.
34. Inlet and outlet slide gates to hot sand measuring box No. 33.
35. Mixer.
36. Pan for receiving material discharged from mixer, to be lifted or removed when plant is traveling. Rear end of truck frame is open, allowing access for shovels or wheelbarrows.
37. Foot board for mixer operator; can be swung up when desired.



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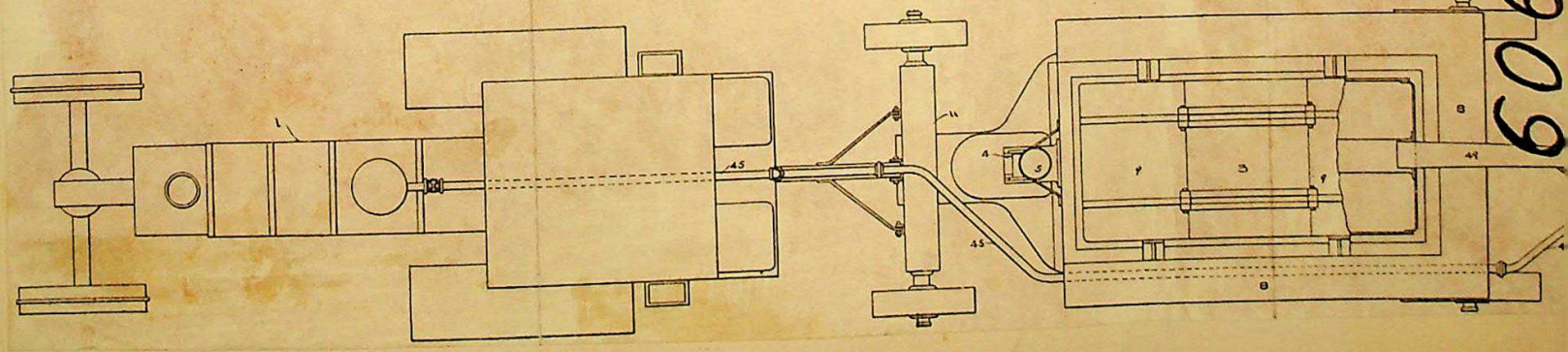
Portable self propelling asphalt paving pla

Designed by L. S Kasson.



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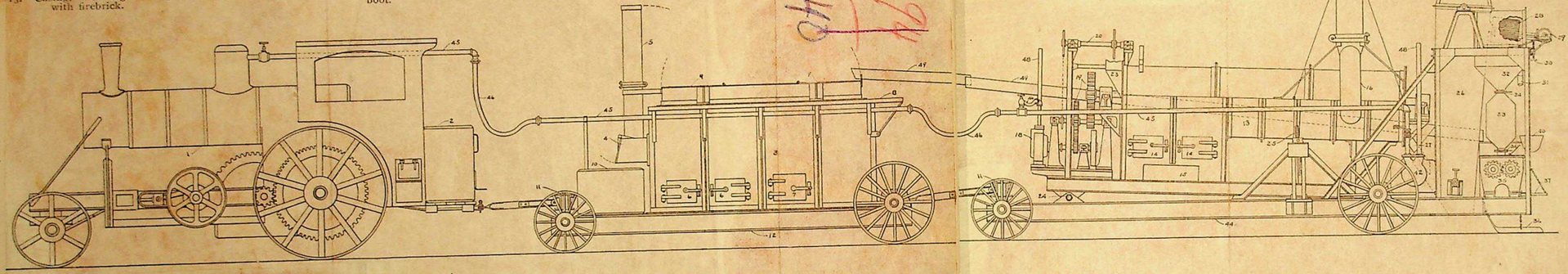
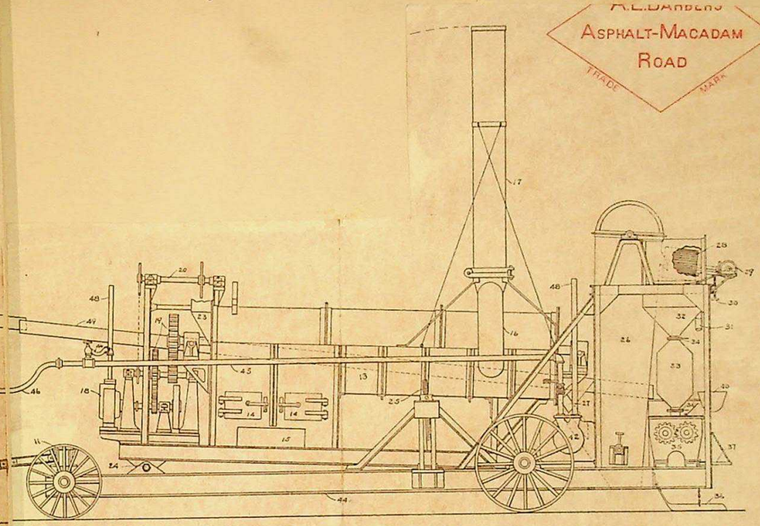
1. Traction engine, furnishing motive power; also steam to engines No. 18 and No. 42 when plant is stationary.
2. Water tank.
3. Melting tank; having central flue, furnace under, and casing with fire brick lining; also ash-pan, removable when plant is traveling.
4. Uptake and flue-cleaning door.
5. Hinged smokestack.
6. Fire doors.
7. Door to combustion chamber for cleaning purposes.
8. Platform for melting tank operator.
9. Doors in melting tank cover.
10. Residuum tank, equipped with steam heating coil.
11. Front axle of truck,—has universal connection with frame of truck, and is free to swing vertically or horizontally.
12. Frame of truck.
13. Casing, inclosing heating drum; furnace lined with firebrick.
14. Fire doors.
15. Ash pit.
16. Smoke connections.
17. Hinged stack.
18. Engine, driving heating drum and cold sand elevator.
19. Train of gears conveying power from engine No. 18 to heating drum.
20. Head shaft, cold sand elevator.
21. Foot shaft, cold sand elevator.
22. Frame, cold sand elevator; can be swung up when plant is traveling.
23. Cold sand hopper.
24. Pin, pivoting platform carrying heating drum, cold sand elevator and engine No. 18.
25. Regulating screws, supporting rear end of heating drum platform,—for keeping drum at the proper pitch or angle regardless of change in grade of road.
26. Hot sand elevator.
27. Chute from heating drum to hot sand elevator boot.
28. Revolving screen, driven from and pivoted on shaft No. 29.
29. Shaft, driving and supporting revolving screen No. 28.
30. Regulating screw for keeping revolving screen at the proper pitch or angle regardless of change in grade of road.
31. Pipe for delivering tailings from revolving screen No. 28 to either side of the road as desired.
32. Hot sand hopper or bin.
33. Hot sand measuring box.
34. Inlet and outlet slide gates to hot sand measuring box No. 33.
35. Mixer.
36. Pan for receiving material discharged from mixer, to be lifted or removed when plant is traveling. Rear end of truck frame is open, allowing access for shovels or wheelbarrows.
37. Foot board for mixer operator; can be swung up when desired.





A. E. BARBER'S
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ROAD
TRADE MARK

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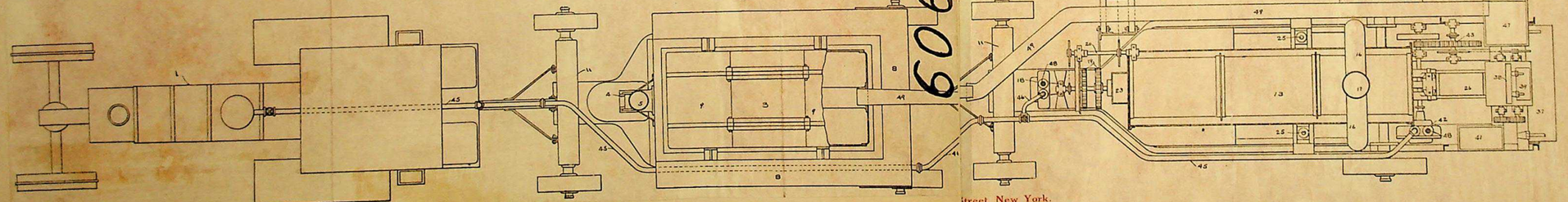
Portable self propelling asphalt paving plant.

Designed by L. S. Kasson.

1909



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